



## Technical Data Sheet



### **4020 Reducer** **Water-Based Paint Material** **VOC 11.3 g/l** **Contains Acetone**

#### **Usage**

##### **Dilutant**

4020 assists drying and curing in humid conditions.

4020 is a specialty additive, not to replace 4011 the standard dilutant for all Createx Colors paint.

4020 works best by mixing with 4011 to create a cocktailed dilutant. Diluting Createx paints with 4020 alone is not recommended as paint may prematurely cure, seed in the cup and create cured paint particle contaminants.

4020 is best added to 4011 in small increments. Excess amounts of 4020 may create adverse reactions ("solvent pop") when the paint is top-coated with a catalyzed clear, especially when applying heavier coats with a spray-gun.

Mix ratios for adding 4020 to 4011 vary, but generally:

- Airbrush: Mix 4011 1:1 4020
- Spray-gun: Mix 4011 3:1 4020

#### **Preparatory Cleaner**

4020 may be used to clean surfaces of oils prior to paint. Wiping substrates such as plastics with 4020 prior to paint ensures application to a clean surface. Allow enough time for 4020 to fully flash off substrate before applying paint.

#### **Pot-Life & Storage**

After adding 4020, there is no pot life. However, the acetone in 4020 rapidly flashes water from paint, so if left open paint will thicken due to accelerated evaporation.

Only add 4020 to paint intended for use that day. Long term storage of paint mixed with 4020 is not recommended.

4011 / 4020 dilutant mixtures may be stored by keeping air tight in a LDPE (low density polyethylene) bottle, in a

cabinet approved for storage of volatile materials. Keep in a cool, dry environment away from open flame sources.

#### **Drying Times**

Estimated drying and curing times are set at 21 °C and 65% or less relative humidity (RH).

- Use air to assist curing and shorten drying times.
- Humid conditions – add 4020 to 4011 for assisted flashing (drying) and curing when painting in conditions of 70% relative humidity or greater.

#### **Health & Safety**

Use in a well-ventilated area. Avoid contact with eyes. Wash hands thoroughly with soap and warm water after use. Do not ingest. When spraying or sanding, use a properly-fitting respirator per the manufacturer's instructions. Skin contact: Thoroughly wash with soap and warm water. Wearing gloves is recommended. Eye contact: Rinse with clean water for 15 minutes. Seek medical attention. Inhalation: Use in well ventilated areas and wear a respirator.

Refer to 4020 SDS for additional information.

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